

1

2

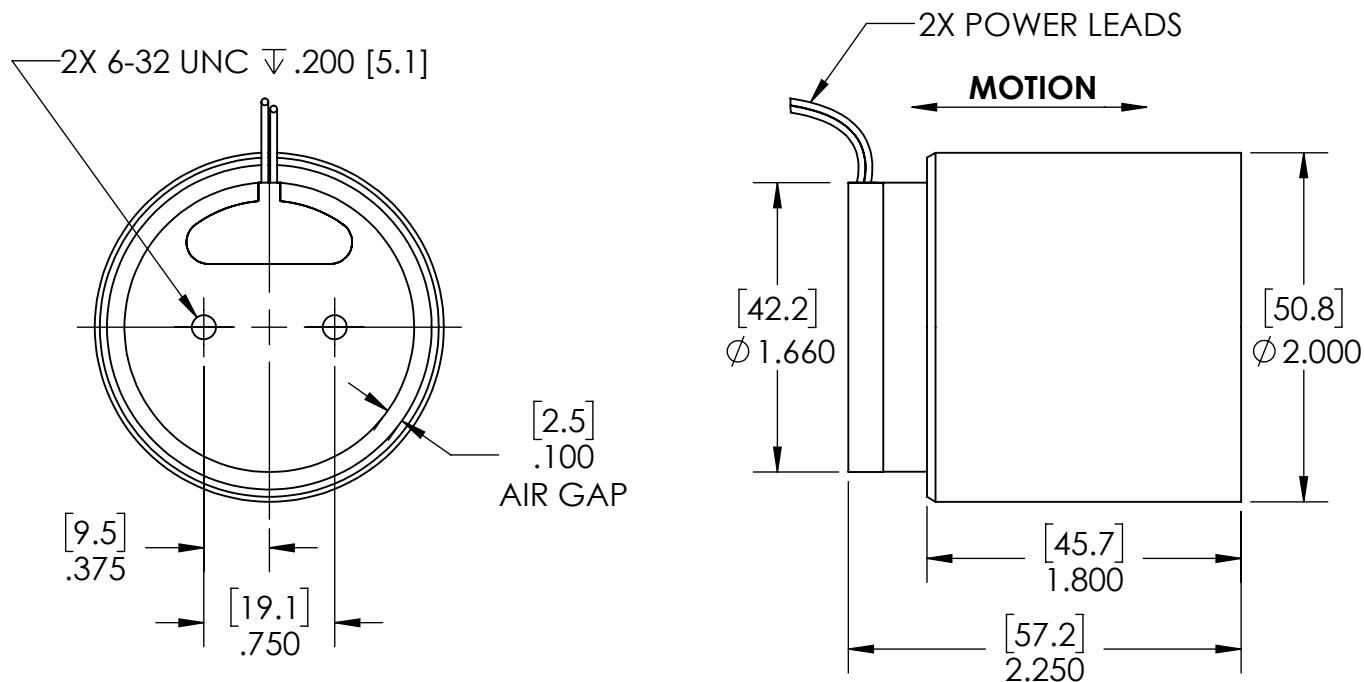
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REVISION TABLE

REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	JRM	MPW	4-19-12
A	1444	Updated specifications sheet & changed model number	JRM	MPW	6-13-12



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UNLESS SPECIFIED OTHERWISE:
 All dimensions are in inches
 Standard Tolerances are as follows
 .XXX \pm .005 ANGLES \pm 1°
 .XX \pm .010 FILLETS .010
 .X \pm .020 CORNERS .010
 Remove All Burrs and Sharp Edges

**FOR
REFERENCE
ONLY**

MATERIAL

FINISH

TITLE

Voice Coil Actuator
Model #: NCC05-20-064-2R

DWG # **30-1034**

REV **A**

DATE 6-13-12 SHEET 1 of 2

1

2

3

4

5

A

A

B

B

C

C

D

D

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS

Motor P/N	NCC05-20-064-2R	
Stroke	0.50"	12.7 mm
Radial Clearance	0.100" per side	2.54 mm per side
Bearing Type	None Provided	
Moving Mass	0.21 lbs	94 grams
Total Mass	1.04 lbs	473 grams
Resistance @ 20C	12 ohms	
Inductance @ 20C	3.6 mH	
Electrical Time Constant	0.30 msec	
Motor Constant	1.33 LBS/SQRT(Watt)	5.92 N/SQRT(Watt)
Force Constant	4.6 LBS/Amp	20.4 N/Amp
Back EMF	0.5 V/ips	20.4 V/m/sec
Continuous Force	6.4 LBS	28.5 N
Max Power @ 100% Duty	23 Watts	
Peak Force	19.1 LBS	85.0 N
Max Power @ 10% Duty	206 Watts	



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SHEET

2 of 2